0600M1--MDEQ Preassessment Early MAY 2010

DATA SOURCE*
Data were compiled from surveys conducted in the Gulf of Mexico.

****DATA COLLECTION PURPOSE****
Natural Resource Damage Assessment

****DATA USE QUALIFICATION****
These data include samples collected on MDEQ during preasessment (baseline) surveys May, 2010.

****DATA USE QUALIFICATION****
These data are a subset of samples collected by the MDEQ during preasessment (baseline) surveys May, 2010.

Values for concentration and detection limit should be interpreted to 3 significant figures. Values for reporting limits should be interpreted to 1 significant figure.

****STUDY****
The data include water chemistry data.

****STATION****
StationIDs are based on a substring of codes provided in the sampling information from the field.   Datum for the coordinates was listed as NAD83.

****SAMPLES AND REPLICATES****
The collection depth of water samples in the fields UDepth and LDepth are reported in meters.

The original SampleIDs reported by the lab from the Chain-of-Custody is stored in the ExSampID field in the SmpWat.dbf table. The original SampleID reported by field staff is stored in FldSampID in the SmpWat.dbf table.

Samples were assigned to each unique location and depth, and field duplicates were coded with a "D" in the SampleID and with a SampType of "FDUP." Subsequent field duplicates (splits) then have a sequential numbering "D2, D3, etc.

The default labrep code "1A." Lab duplicates (second analysis of same sample for same analytical method) were assigned labrep "2A". Lab duplicates were identified as those samples with a "D" suffix on the labID.

The results from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX"). The following chemcode/analytes were measured using two Methods - PIANO Volatile Hydrocarbons by 8260M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M:
AHCN_C09/ Nonane
AHCN_C10/ Decane
AHCN_C11/ Undecane
AHCN_C12/ Dodecane
AHCN_C13/ Tridecane
BTHIOPHNE/ Benzo(b)thiophene
METHNAP_1/ 1-Methylnaphthalene
METHNAP_2/ 2-Methylnaphthalene
NAPTHALENE/ Naphthalene
The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Alpha Methods:

PIANO Volatile Hydrocarbons by GC/MS | 8260M

TDI Brooks Methods:
B&B SOP1016 - Aliphatic Hydrocarbon Determination by Gas Chromatography/Flame Ionization
Detection (Abbreviated 8015 B&B SOP1016 GC/FID)
B&B SOP1006 - Aromatic Hydrocarbon Determination by Selected Ion Monitoring Gas
Chromatography/Mass (Abbreviated 8270 M B&B SOP1006 GC/MS)

****SUMMED PARAMETERS****
No sums were calculated.

****QUALIFIERS****
Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation.
If no validation was completed, the qualifers are those assigned by the lab. Descriptions of the data
qualifiers are included in the data dictionary. "F" (found) qualifiers were added by the data validators,
where the lab reported concentration was below the method detection limit (see DL field).

****OTHER****
The original analyte in Alpha lab EDDs reported as Benzo(k)fluoranthene was identifed by the data
validators to be a coelution of Benzo(k)fluoranthene and Benzo(j)fluoranthene. Therefore, the chemical
data for the original Benzo(k)fluoranthene results have been assigned a chemical code for
Benzo(j+k)fluoranthene.

The original analyte in Alpha lab EDDs reported as "Total Petroleum Hydrocarbons (C9-C44)" was
proposed to need further distinction based on information acquired from the data validators. The analyte
was not subjected to silica gel cleanup; thus, it was suggested that the results represented "Total
Extractable Matter (C9-C44)". This is the chemical code/chemical name used to report these original total
petroleum hydrocarbon results in the final chemistry tables.